

Substitute for form 1449A-B-PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(Use as many sheets as necessary)</p>				Complete if Known	
				Application Number	09/378,533
				Filing Date	August 20, 1999
				First Named Inventor	Pamela L. McKissick
				Art Unit	2424
				Examiner Name	Son P. Huynh
				Attorney Docket Number	UV-98
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		4,071,697	01-31-1978	Bushnell et al.	
		4,977,455	12-11-1990	Young	
		5,353,121	10-04-1994	Young et al.	
		5,410,344	04-25-1995	Graves et al.	
		5,412,720	05-02-1995	Hoarty	
		5,553,221	09-03-1996	Reimer et al.	
		5,600,364	02-04-1997	Hendricks et al.	
		5,617,565	04-01-1997	Augenbraun et al.	
		5,623,613	04-22-1997	Rowe et al.	
		5,629,733	05-13-1997	Yourman et al.	
		5,678,170	10-14-1997	Grube et al.	
		5,809,204	09-15-1998	Young et al.	
		5,812,931	09-22-1998	Yuen	
		5,940,073	08-17-1999	Klosterman et al.	
		6,002,394	12-14-1999	Schein et al.	
		6,005,565	12-21-1999	Legall et al.	
		6,061,097	05-09-2000	Satterfield	

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U.S. PATENT DOCUMENTS					
		6,133,909	10-17-2000	Schein et al.	
		6,219,839	04-17-2001	Sampsel	
		6,247,176	06-12-2001	Schein et al.	
		6,256,071	07-03-2001	Hiroi	
		6,263,501	07-17-2001	Schein et al.	
		6,275,268	08-14-2001	Ellis et al.	
		6,285,713	08-28-2001	Kitsukawa et al.	
		6,289,346	09-11-2001	Milewski et al.	
		6,308,328	10-23-2001	Bowcutt et al.	
		6,331,877	12-18-2001	Bennington et al.	
		2002/0035697	03-21-2002	McCurdy et al.	
		6,388,714	05-14-2002	Schein et al.	
		2002/0059621	05-16-2002	Thomas et al.	
		2002/0120507	08-29-2002	Chanos et al.	
		2002/0124247	09-05-2002	Houghton	
		2002/0174430	11-21-2002	Ellis et al.	
		2003/0005445	01-02-2003	Schein et al.	
		6,539,548	03-25-2003	Hendricks et al.	
		6,542,882	04-01-2003	Smith	

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U.S. PATENT DOCUMENTS					
		6,571,390	05-27-2003	Dunn et al.	
		2003/0154478	08-14-2003	Hassell et al.	
		2003/0177497	09-18-2003	Macrae et al.	
		2003/0182658	09-25-2003	Alexander	
		2004/0025180	02-05-2004	Begeja et al.	
		6,721,956	04-13-2004	Wasilewski	
		2004/0096184	05-20-2004	Poslinsky	
		6,757,906	06-29-2004	Look et al.	
		2004/0139047	07-15-2004	Rechsteiner et al.	
		6,810,526	10-26-2004	Menard et al.	
		2005/0015405	01-20-2005	Plastina et al.	
		2005/0028208	02-03-2005	Ellis et al.	
		2005/0028218	02-03-2005	Blake	
		6,865,746	03-08-2005	Herrington et al.	
		6,898,762	05-24-2005	Ellis et al.	
		2005/0251827	11-10-2005	Ellis et al.	
		2005/0278768	12-15-2005	Boyer et al.	
		7,136,829	11-14-2006	Hellal et al.	
		7,152,236	12-19-2006	Wugofski et al.	

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		JP 09-037233	02-07-1997	Sanyo Electric Co., Ltd.		X
		EP 0 848 554	06-17-1998	IBM Corp.		
		WO 98/27723	06-25-1998	E Guide, Inc.		
		EP 0 854 645	07-22-1998	Texas Instruments Inc.		
		WO 00/38428	06-29-2000	Sony Electronics, Inc.		
		WO 01/15438	03-01-2001	Spotware Technologies, Inc.		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
		"NDS Opens a New York Office to Focus on Developing Interactive TV Systems and Application for U.S. Market," Business Wire, pp. 1-3, January 24, 2001.	
		"TiVo Viewer's Guide: How to Activate and Use Your TiVo Service," SDOC-00057-000 Rev. B, 2002.	
		Hogan, "ShopNBC Winks at ITV," Multichannel News, pp. 1-2, June 25, 2001.	
		Shaw, "The Interactive Living Revolution," Multichannel News, pp. 1-3, March 31, 2003.	
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NON PATENT LITERATURE DOCUMENTS		
		Susanne Boll, Utz Westermann: "Meeting Experience: Medi/Ether: An Event Space for Context-Aware Multimedia Experiences," Proceedings of the 2003 ACM SIGMM Workshop on Experiential Telepresence ETP '03, Online November 7, 2003, pp. 21-30, XP002434278, Berkley, California, ISBN: 1-58113-775-3, Retrieved from the internet - URL: http://delivery.acm.org/10.1145/990000/982488/p21-boll.pdf?key1=982488&key2=9969139711&coll=portal&dl=ACM&CFID=2181828&CFTOKEN=68827537 , retrieved on May 16, 2007.
		Waltner, "Cable Nets Eye New Interactive Services (Interactive Television)," Multichannel News, pp. 3-5, February 23, 1998.

OTHER RELATED CASES					
Examiner Initials*	Cite No. ¹	Document Number	Filing, Publication, or Issue Date MM-DD-YYYY	Attorney Docket Number	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		09/034,939	03-04-1998	UV-42	
		6,147,715	11-14-2000	IS-35	
		2001/0047298	11-29-2001	UV-192	
		2002/0042913	04-11-2002	UV-218	
		2003/0149980	08-07-2003	UV-70 Cont.	
		6,742,183	05-25-2004	UV-55	
		2004/0128685	07-01-2004	UV-70 Cont. 4	
		2005/0235319	10-20-2005	UV-177	

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		2006/0236360	10-19-2006	IS-35 Cont. 4	
		2007/0162502	07-12-2007	UV-338	

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